



STATE OF CALIFORNIA

The Resources Agency

Department of Water Resources

BULLETIN No. 132-74

The California  
State Water Project  
In 1974

APPENDIX D

COSTS  
OF RECREATION AND  
FISH AND WILDLIFE ENHANCEMENT

APRIL 1974

NORMAN B. LIVERMORE, JR.  
Secretary for Resources  
The Resources Agency

RONALD REAGAN  
Governor  
State of California

JOHN R. TEERINK  
Director  
Department of Water Resources



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STATE OF CALIFORNIA  
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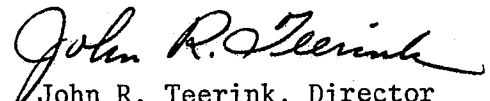
RONALD REAGAN  
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*Director*  
Department of Water Resources

## FOREWORD

The Davis Dolwig Act (Sections 11900-11925 of the California Water Code) declares that recreation and fish and wildlife enhancement costs of state water projects benefit all of the people of California and are to be borne by them. The Act also provides a procedure through which the Department of Water Resources will be reimbursed for those recreation and fish and wildlife enhancement expenditures that are financed by project funds. The Department is to annually report such expenditures to the Legislature. If the Legislature approves the reported costs, a like amount of the State's tideland gas and oil revenues will be released to the Department from a continuing \$5,000,000 annual appropriation of tideland revenues which has been authorized specifically for that purpose (California Statutes of 1964, First Extraordinary Session, Chapter 138, as amended by California Statutes of 1966, First Extraordinary Session, Chapter 27).

This constitutes the Department's 1974 report to the Legislature in compliance with the above requirement. An additional \$6,246,574 for recreation and fish and wildlife enhancement is reported herein; most of which is due to the initial reporting of the costs of acquiring recreation land at Lake Perris in Riverside County. The Department requests that the additional amount be approved.

  
John R. Teerink, Director  
Department of Water Resources  
The Resources Agency  
State of California  
March 19, 1974

State of California  
The Resources Agency  
DEPARTMENT OF WATER RESOURCES

RONALD REAGAN, Governor  
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### ABSTRACT

This appendix complies with California Water Code Section 11912 which requires an annual report to the Legislature by the Department of Water Resources. The Department reports that multiple-purpose capital costs of the State Water Project that have been allocated to recreation and fish and wildlife enhancement through December 31, 1973 total \$49,406,549. Expenditures for acquiring rights-of-way, easements, and property for recreation development associated with project facilities through December 31, 1973 total \$13,745,187. The total of these costs and expenditures (\$63,151,736) includes those costs for expenditures previously reported to and approved by the Legislature (\$56,905,162).

## REPORTING OF RECREATION AND FISH AND WILDLIFE ENHANCEMENT COSTS

Section 11912 of the California Water Code assigns to the Department of Water Resources the following responsibilities:

*It shall be the duty of the department to report annually to the Legislature the costs, if any, which the department has allocated to recreation and fish and wildlife enhancement for each facility of any state water project. The department shall also report to the Legislature any revisions which the department makes in such allocations.*

*The department shall submit each such cost allocation to the Department of Navigation and Ocean Development, to the Department of Parks and Recreation, and to the Department of Fish and Game. The Department of Navigation and Ocean Development, the Department of Parks and Recreation, and the Department of Fish and Game shall file with the Department of Water Resources their written comments with respect to each such cost allocation, which written comments shall be included in the report required by this section.*

*It shall also be the duty of the department to report to the Legislature on any expenditure of funds for acquiring rights-of-way, easements and property pursuant to Section 346 for recreation development associated with such facilities....*

This appendix constitutes the Department's 1974 report as required by Section 11912.

For brevity, "fish and wildlife enhancement" is hereafter referred to as "enhancement". The Department's cost allocations treat recreation and enhancement as one combined purpose of the State Water Project.

### Organization of Report

The costs of State Water Project facilities which the Department has allocated to recreation and enhancement through December 31, 1973, are shown in Table 1, pages 8 and 9, together with expenditures for acquiring rights-of-way, easements, and property for recreation development associated with such facilities.

The notes to Table 1, which immediately follow on pages 4 through 7, contain an explanation of the Department's procedures for reporting recreation and enhancement costs, a description of how the amounts shown in the Table are calculated, and a reconciliation of significant changes from costs shown in previous reports. Following Table 1, on pages 10 and 11, is a detailed calculation of accrued

interest charges that are included in the costs reported herein.

The costs shown in Table 1 do not reflect new or revised allocations for any facility of the State Water Project. The derivation of allocation percentages indicated for joint capital costs of those multiple-purpose facilities listed in the upper portion of the Table have been described in previous reports. Copies of those descriptions are available on request to the Department.

Included on pages 13 through 16, at the end of this report, are comments by the Department of Navigation and Ocean Development, the Department of Parks and Recreation, and the Department of Fish and Game.

Notes to Table 1, Pages 8 and 9

a) Recreation and enhancement costs herein refer only to those capital costs of multiple-purpose facilities of the State Water Project that are allocated to recreation and enhancement and/or of lands that are acquired for associated recreation development. These costs are budgeted by the Department of Water Resources from funds that are available to the

Department for financing construction costs of the Project.

The remaining recreation and enhancement costs of types not reported herein are budgeted by several state departments and are financed by appropriations from a variety of funds. These costs and appropriations are summarized below:

Type of Recreation and Enhancement Costs Not Reported in Table 1	General Fund Appropriations, unless otherwise noted		
	1974-75 <sup>(a)</sup>	1973-74	Total, 1962-63 thru 1974-75
Allocated operation, maintenance, and replacement costs of multiple-purpose facilities	\$ 1,559,000	\$ 1,522,000	\$ 5,212,000
Capital costs of recreation developments other than for land acquisition	\$12,118,000 <sup>(b)</sup>	\$12,799,000 <sup>(b)</sup>	\$68,420,000 <sup>(c)</sup>
Operation, maintenance, and replacement costs of recreation developments	\$ 2,072,000	\$ 1,213,000	\$ 5,877,000
<p>a) <i>Proposed amounts in Governor's budget.</i>  b) <i>Total amounts are from the Recreation and Fish and Wildlife Enhancement Fund.</i>  c) <i>Includes \$1,236,000 from the Harbors and Watercraft Revolving Fund, \$200,000 directly from the Highway Users Tax Fund, and \$50,388,000 from the Recreation and Fish and Wildlife Enhancement Fund.</i></p>			

Allocated operation, maintenance, and replacement costs of multiple-purpose facilities are budgeted by the Department of Water Resources and have been financed by annual appropriations from the General Fund. Capital costs (other than land acquisition costs) and operation, maintenance, and replacement costs of recreation developments are budgeted by the Department of Parks and Recreation -- except that the costs of boating facilities are budgeted by the Department of Navigation and Ocean Development. Costs of enhancement developments are budgeted by the Department of Fish and Game.

b) Joint capital costs allocated to recreation and enhancement are based on the Department's derivation, for

each multiple-purpose facility, of the percentages of the total joint costs that are attributable to each included purpose. These derivations are based on the application of conventional cost allocation methods which weight the estimated costs to be incurred and benefits to be realized during a 50-year period of analysis. Allocated costs reflect the application of these percentages to the actual capital costs incurred for the facility as accounted by the Department.

Costs allocated to recreation and enhancement generally are first reported in the year following the year construction of a facility is complete. However, these allocated costs may be subsequently changed

due to either the adjustment of accounted capital costs or the revision of allocation percentages.

The allocation percentages of a facility may be revised if it can be formally demonstrated that such revision is warranted due to substantial changes in the supporting factors to the previous derivation. Such demonstration could include the finding that (1) funds are not forthcoming for financing the costs of planned recreation developments, with resultant decreases in projected

recreation benefits and costs, or (2) a change in cost allocation method would produce more equitable results.

The tentative schedule shown below indicates the times when allocated costs of each State Water Project facility will be first reported and when the factors which support the derivation of allocation percentages will be periodically reviewed for substantial changes. No new or revised allocation percentages are reported herein.

# TENTATIVE SCHEDULE FOR REPORTING AND REVIEW OF COST ALLOCATIONS

Project Facility	: Year :	Year Supporting Factors											
	:Allocation:	to be Reviewed											
	: to be :	for Substantial Changes											
	:Initially :												
	: Reported :	74:	75:	76:	77:	78:	79 :	80:	81:	82:	83:	84:	85 <sup>(a)</sup>
Frenchman Lake	1965					x					x		
Antelope Lake	1966					x					x		
Lake Davis	1968					x					x		
Abbey Bridge Reservoir	1979 <sup>(b)</sup>										x		
Dixie Refuge Reservoir	1981 <sup>(b)</sup>										x		
Oroville Division	1971				x				x				
Delta Facilities	1980 <sup>(b)</sup>												x
North Bay Aqueduct	1980												x
South Bay Aqueduct (Lake Del Valle)	1973				x					x			
California Aqueduct, Project Conservation Facilities:	1970												
Bethany Reservoir					x				x				x
San Luis Reservoir					x				x				x
O'Neill Forebay					x				x				x
Los Banos Reservoir					x				x				x
Aqueduct Developments					x				x				x
California Aqueduct, Project Transportation Facilities: <sup>(c)</sup>	1975												
Pyramid Lake									x				x
Castaic Lake									x				x
Silverwood Lake									x				x
Lake Perris									x				x
Aqueduct Developments									x				x

a) Reviews would continue in the pattern indicated below.

b) Construction schedule tentative and subject to revision.

c) As compared with previously shown schedules, the allocation of the Transportation Facilities has been deferred for one year to allow more time for review by project water contractors.

c) Specific costs of acquiring land for recreation developments are incurred by the Department under the authority of California Water Code Section 346. The Department purchases recreation lands concurrently with lands needed for multiple-

purpose facilities in order to decrease the total land costs of the Project and to acquire property in an orderly manner. Recreation lands acquired for each project facility through December 31, 1973 are summarized below.

# SUMMARY OF RECREATION LAND ACQUISITIONS<sup>(a)</sup>

(in acres)

Project Facility	:Acquired: : (b	To be :Acquired:	Federal: Lands(c	Total
Frenchman Lake	719	0	0	719
Antelope Lake	1,342	0	0	1,342
Lake Davis	733	0	0	733
Abbey Bridge	0	2,663	0	2,663
Oroville Division	2,576	1	212	2,789
Lake Del Valle	1,206	0	0	1,206
San Luis Reservoir and O'Neill Forebay	748	0	0	748
California Aqueduct (excluding reservoirs)	969	161 <sup>(d)</sup>	0	1,130
Castaic Lake	1,915	0	581	2,496
Silverwood Lake	505	0	2,919	3,424
Lake Perris	4,343	116	0	4,459

a) Includes recreation lands for only those project facilities with an established recreation land use and acquisition plan.  
b) Costs of acquiring these lands are shown in Table 1.  
c) These lands are presently being leased from Federal Government at a nominal cost to the State.  
d) Additional land needs are to be identified by future studies.

The Department reports the annual expenditure of project funds for acquiring all recreation land in the year following the expenditure. The costs of such lands generally are established when acquired and are not affected by allocation percentages for the associated multiple-purpose project facility. However, the reported costs of certain lands may be subsequently revised due to receipt of certain revenues (such as federal grants and miscellaneous income from right-of-way sales) or due to modification of the recreation land use plan.

The amounts to be reported in future years will include credits for any reduction in previously reported costs, together with appropriate interest income thereon. If recreation land is sold or if grants are received ,

the amount of the receipt will be reported as a negative cost of the facility the year received. If recreation land is reclassified as multiple-purpose project land, the original purchase price, together with appropriate interest income thereon, will be reported as a negative expenditure for specific land costs in the year the modification occurs, and an appropriate amount will be added to the joint capital costs allocated to recreation and enhancement for the associated facility.

The costs of acquiring recreation land include the salaries of department personnel who are engaged in recreation land acquisition activities, together with indirect costs that are distributed on the basis of direct salaries.

d) Interest accruals are calculated as shown in Table 2. Interest charges are accrued only on the portion of annual disbursements financed by the California Water Resources Development Bond Fund (proceeds from the sale of Burns-Porter Bonds) and cease when such disbursements, together with cumulative interest accruals thereon, have been reimbursed. Calculations are based on the weighted average interest costs of Burns-Porter Bonds sold to date (4.374 percent for the \$1,550,000,000 in bonds outstanding as of December 31, 1973). This rate differs from the "project interest rate" under the Project's water supply contracts in that interest costs on revenue bond sales are not included.

As of December 31, 1973, a total of \$40,000,000 had been reimbursed to the Department under the continuing annual \$5,000,000 appropriation (thru fiscal year 1973-74) of state tideland oil and gas revenues, authorized by California Statutes of 1966, First Extraordinary Session, Chapter 27. Reimbursement of the increased amount of costs reported herein would cover annual appropriations in the full amounts for 1974-75, 1975-76, 1976-77, and 1977-78, together with \$3,151,736 of the appropriation for 1978-79.

e) The Department requests that this total increased amount of reported costs be approved by the Legislature.

f) Costs previously reported are as shown in Table 1 (pages 6 and 7) of Appendix D to Bulletin 132-73. Such costs were approved by California Statutes of 1973, Chapter 584, and were based on the Department's accounting records as of December 31, 1972. The average interest cost on Burns-Porter Bond sales was then 4.371 percent.

g) Reasons for cost increases are outlined in the next column. Most of the cost increase (75 percent) is due to the reporting of recreation land at Lake Perris for the first time. This land was primarily acquired in the 1960s under a November 1965 amendment to the Project's water supply contract with The Metropolitan

Water District of Southern California. By the amendment, Metropolitan requested and advanced funds for the Department to purchase all lands between Lake Perris and the crest of the surrounding hills for the potential enlargement of the Lake up to a total capacity of 500,000 acre-feet. In April 1971, Metropolitan requested that the Lake be constructed to a total size of 120,000 acre-feet and that it be credited with revenues from the disposal of excess lands not required for the finally-sized reservoir. In November 1972, the Department of Parks and Recreation requested that the lands previously purchased but not needed for multiple-purposes of the 120,000-acre-foot Lake be retained as recreation land.

- Costs of recreation land parcels acquired prior to 1973, but not previously reported because recreation boundaries were not yet precisely defined at:
 

Lake Perris.....	\$4,329,000
Castaic Lake.....	390,000
Lake Oroville.....	9,000
Lake Davis.....	5,000
Subtotal.....	<u>\$4,733,000</u>
- Additional accrued interest on recreation costs not yet reimbursed by the continuing \$5,000,000 annual appropriation due to (1) an additional year of accrual [1973] and (2) a slight increase of average interest costs on Burns-Porter Bond sales (from 4.371 percent to 4.374 percent).....\$1,351,000
- Additional disbursements during 1973 for recreation lands and for joint capital costs allocated to recreation and enhancement under allocations previously reported.....\$ 149,000
- Net retroactive accounting adjustments on costs reported prior to 1972 for late charges and for credits from land rentals & sales. \$ 14,000
- TOTAL INCREASE.....\$6,247,000

TABLE 1: RECREATION AND ENHANCEMENT  
(Reported to the California Legislature in

(in

Type of Costs, Project Facility, and Source of Funds	Disbursements,						
	1952- 1960	1961	1962	1963	1964	1965	1966
<b>JOINT CAPITAL COSTS ALLOCATED TO RECREATION AND ENHANCEMENT:(b)</b>							
<u>Frenchman Dam and Lake (78.5%)</u>							
California Water Resources Development Bond Fund				1,120	4,856	4,701	16,821
All other funds	1,341,597	643,608	341,047	99,728	-200	10	8
Subtotal	1,341,597	643,608	341,047	100,848	4,656	4,711	16,829
<u>Antelope Dam and Lake (100.0%)</u>							
California Water Resources Development Bond Fund	-203	-300	-300	25,832	490,553	259,767	36,888
All other funds	70,850	197,936	781,798	2,634,782	18,841	163	13
Subtotal	70,647	197,636	781,498	2,660,614	509,394	259,930	36,901
<u>Grizzly Valley Dam and Lake Davis (94.9%)</u>							
California Water Resources Development Bond Fund				19,732	483,836	930,800	1,695,421
All other funds	29,129	1,990	76,045	107,641	-3,343	3,993	35,552
Subtotal	29,129	1,990	76,045	127,373	480,493	934,793	1,730,973
<u>California Aqueduct, Delta to Dos Amigos P.P. (3.5%)</u>							
California Water Resources Development Bond Fund	-79	-2,600	975	236,595	955,371	1,587,644	2,059,541
All other funds	138,724	57,971	140,760	929,777	276,815	-13,687	54,201
Subtotal	138,645	55,371	141,735	1,166,372	1,232,186	1,573,957	2,113,742
<u>Oroville Division (2.9%)</u>							
California Water Resources Development Bond Fund	-32	-103	181	29,001	1,152,574	965,272	2,250,329
All other funds	929,727	381,609	437,699	1,030,141	-6,356	36,231	18,637
Subtotal	929,695	381,506	437,880	1,059,142	1,146,218	1,001,503	2,268,966
<u>Del Valle Dam and Lake Del Valle (48.0%)</u>							
California Water Resources Development Bond Fund			15	24,270	395,752	722,319	2,893,150
All other funds	208,209	111,033	52,050	223,473	-2,278	103	2,110
Subtotal	208,209	111,033	52,065	247,743	393,474	722,422	2,895,260
<b>TOTAL</b>	<b>2,717,922</b>	<b>1,391,144</b>	<b>1,830,270</b>	<b>5,362,092</b>	<b>3,766,421</b>	<b>4,497,316</b>	<b>9,062,671</b>
<b>SPECIFIC COSTS OF ACQUIRING LAND FOR RECREATION DEVELOPMENT:(c)</b>							
<u>Frenchman Dam and Lake</u>							
California Water Resources Development Bond Fund			-154	-310	715	661	1,544
All other funds	47,898	605	2,622	496	2		
Subtotal	47,898	605	2,468	186	717	661	1,544
<u>Grizzly Valley Dam and Lake Davis</u>							
California Water Resources Development Bond Fund				918	28,928	4,449	16,121
All other funds	1,961	334	1,169	5,058	4		
Subtotal	1,961	334	1,169	5,976	28,932	4,449	16,121
<u>Oroville Division</u>							
California Water Resources Development Bond Fund			-32,689	68,309	226,395	546,325	1,032,464
All other funds	32,118	31,479	95,711	83,130	-22,130	-3,986	-3,431
Subtotal	32,118	31,479	63,022	151,439	204,265	542,339	1,029,033
<u>Del Valle Dam and Lake Del Valle</u>							
California Water Resources Development Bond Fund				900	24,052	71,862	9,453
All other funds	8,294	8,422	4,281	10,963	96		
Subtotal	8,294	8,422	4,281	11,863	24,148	71,050	9,453
<u>San Luis Dam and Reservoir and O'Neill Forebay</u>							
California Water Resources Development Bond Fund			-18,469	-23,987	-13,807	49,085	43,227
All other funds	1,919	3,719	66,341	24,095	-2,349	-2,811	41,581
Subtotal	1,919	3,719	47,872	108	-16,156	46,274	84,808
<u>California Aqueduct</u>							
California Water Resources Development Bond Fund		-14	-22,243	-46,331	35,571	581,524	-4,941
All other funds	3,576	64,222	41,344	52,321	-20,202	-2,050	-790
Subtotal	3,576	64,208	19,101	5,990	15,369	579,474	-5,731
<u>Castaic Dam and Lake</u>							
California Water Resources Development Bond Fund				603	29,708	396,376	478,014
All other funds	882	552	2,705	5,278	831		
Subtotal	882	552	2,705	5,881	30,539	396,376	478,014
<u>Cedar Springs Dam and Silverwood Lake</u>							
California Water Resources Development Bond Fund			5,216	141,609		12,842	66,502
All other funds	5,814	27,700	25,255				
Subtotal	5,814	27,700	30,471	141,609		12,842	66,502
<u>Perris Dam and Lake Perris</u>							
California Water Resources Development Bond Fund			-18,390	427,464	-27,973	-25,641	-13,931
All other funds		234,997					
Subtotal		234,997	-18,390	427,464	-27,973	-25,641	-13,931
<b>TOTAL</b>	<b>102,462</b>	<b>372,016</b>	<b>152,699</b>	<b>750,516</b>	<b>259,841</b>	<b>1,627,824</b>	<b>1,665,813</b>
<b>TOTAL RECREATION AND ENHANCEMENT COSTS</b>							
California Water Resources Development Bond Fund	-314	-3,017	-85,858	905,725	3,786,531	6,107,986	10,580,603
All other funds	2,820,698	1,766,177	2,068,827	5,206,883	239,731	17,154	147,881
<b>GRAND TOTAL</b>	<b>2,820,384</b>	<b>1,763,160</b>	<b>1,982,969</b>	<b>6,112,608</b>	<b>4,026,262</b>	<b>6,125,140</b>	<b>10,728,484</b>

Footnotes a-g are presented on pages 4 through 7.

**COSTS OF THE STATE WATER Project<sup>(a)</sup>  
Response to Water Code Section 11912)**

dollars)

By Calendar Year							Total Disbursements Thru 1973	Add: Interest Accruals Thru 1973	Total Costs Reported Thru 1973	Comparison with Costs Previously Reported	
1967	1968	1969	1970	1971	1972	1973				Thru 1972	Increase
57,164	2,319	151	1,370	7,230	1,248		96,980	2,119	99,099	98,993	106
1	553	1,223	280	240	1,617	1,117	2,430,829		2,430,829	2,430,023	806
57,165	2,872	1,374	1,650	7,470	2,865	1,117	2,527,809	-2,119	2,529,928	2,529,016	912
153,628	18,502	9,862	19,268	24,390	1,621		1,039,508	98,371	1,137,879	1,138,651	-772
2	21,541	207,446	5,028	3,044	2,115	1,649	3,945,208		3,945,208	3,943,645	1,563
153,630	40,043	217,308	24,296	27,434	3,736	1,649	4,984,716	98,371	5,083,087	5,082,290	791
476,581	173,454	23,623	6,056	9,676	1,688		3,820,867	399,148	4,220,015	4,225,220	-5,205
12,395	13,102	157,266	62,253	772	2,650	24,471	523,916		523,916	499,927	23,989
488,976	186,556	180,889	68,309	10,448	4,338	24,471	4,344,783	399,148	4,743,931	4,725,147	18,784
1,558,086	277,137	81,094	95,757	24,322	26,474	-31	6,900,286	907,699	7,807,985	6,564,415	1,243,570
25,668	249,559	213,890	49,841	5,670	14,551	20,057	2,163,797		2,163,797	3,172,210	-1,008,413
1,583,754	526,696	294,984	145,598	29,992	41,025	20,026	9,064,083	907,699	9,971,782	9,736,625	235,157
1,337,992	88,342	27,041	8,127	8,179	4,737	-37	5,871,603	1,728,577	7,600,180	7,590,690	9,490
45,179	323,186	88,310	17,854	5,416	10,934	24,636	3,343,203		3,343,203	3,323,294	19,909
1,383,171	411,528	115,351	25,981	13,595	15,671	24,599	9,214,806	1,728,577	10,943,383	10,913,984	29,399
5,479,742	822,734	72	20,990	23,878	40,345		10,423,267	3,556,342	13,979,609	13,393,990	585,619
383,407	1,038,138	73,350	45,465	2,879	6,720	10,170	2,154,829		2,154,829	2,140,528	14,301
5,863,149	1,860,872	73,422	66,455	26,757	47,065	10,170	12,578,096	3,556,342	16,134,438	15,534,518	599,920
9,529,845	3,028,567	883,328	332,289	115,696	114,700	82,032	42,714,293	6,692,256	49,406,549	48,521,586	884,963
536	167	29	187	111			3,486	140	3,626	4,647	-1,021
	228	75		8			51,934		51,934	51,977	-43
536	395	104	187	119			55,420	140	55,560	56,624	-1,064
164,641	-13,850	324	625	343			202,499	15,125	217,624	212,632	4,992
							8,526		8,526	8,571	-45
164,641	-13,850	324	625	343			211,025	15,125	226,150	221,203	4,947
28,896	-4,345	-5,027	3,257	8,750	-638	-24	1,871,673	608,747	2,480,420	2,534,162	-53,742
-34,023	79,802	30,861	4,244	3,819	2,886	1,826	302,306		302,306	288,532	13,774
-5,127	75,457	25,834	7,501	12,569	2,248	1,802	2,173,979	608,747	2,782,726	2,822,694	-39,968
489,723	-74,460	-1,479	1,629	600	39		522,319	170,413	692,732	677,552	15,180
	-81,500	960	190	159	756	1,651	-46,540		-46,540	-49,497	2,957
489,723	-155,960	-519	1,819	759	795	1,651	475,779	170,413	646,192	628,055	18,137
4,133	1,589	880	77,175	1,410	210,670		331,906	5,953	337,859	119,328	218,531
-697	1,748	728	-180	301	-77,263	33,906	91,038		91,038	183,182	-92,144
3,436	3,337	1,608	76,995	1,711	133,407	33,906	422,944	5,953	428,897	302,510	126,387
-10,303	4,912	14,943	468,561	663	-160,135	-8,966	853,241	297,205	1,150,446	1,294,460	-144,014
-707	6,397	24,572	598	1,056	146,528	25,041	341,886		341,886	271,655	70,231
-11,010	11,309	39,515	469,159	1,699	-13,607	16,075	1,195,127	297,205	1,492,332	1,566,115	-73,783
882,578	9,488	-44,227	20,342	13,671	24,802	-84	1,811,271	653,537	2,464,808	1,844,347	620,461
-75	-25,685	5,507	804	6,060	18,235	9,694	24,788		24,788	11,746	13,042
882,503	-16,197	-38,720	21,146	19,731	43,037	9,610	1,836,059	653,537	2,489,596	1,856,093	633,503
33,261	1,350	39,452	12,028	-28,645	3,759		287,374	132,967	420,341	401,303	19,038
	-137,946	622,289	23,137	-41,757	6,971	3,928	535,391		535,391	528,979	6,412
33,261	-136,596	661,741	35,165	-70,402	10,730	3,928	822,765	132,967	955,732	930,282	25,450
20,849	492,711	-1,968	4,195	2,600	-1,300		858,616	338,581	1,197,197		1,197,197
	3,700,049	-464,336				95	3,470,805		3,470,805	3,470,805	
20,849	4,192,760	-466,304	4,195	2,600	-1,300	95	4,329,421	338,581	4,668,002	4,668,002	
1,578,812	3,960,655	223,583	616,792	-30,871	175,310	67,067	11,522,519	2,222,668	13,745,187	8,383,576	5,361,611
10,677,507	1,800,050	144,770	739,567	97,178	153,310	-9,142	34,894,896	8,914,924	43,809,820	40,100,390	3,709,430
431,150	5,189,172	962,141	209,514	-12,353	136,700	158,241	19,341,916		19,341,916	16,804,772	2,537,144
11,108,657	6,989,222	1,106,911	949,081	84,825	290,010	149,099	54,236,812	8,914,924 <sup>(d)</sup>	63,151,736 <sup>(e)</sup>	56,905,162 <sup>(f)</sup>	6,246,574 <sup>(g)</sup>

TABLE 2: CALCULATION OF INTEREST ACCRUALS ON CALIFORNIA

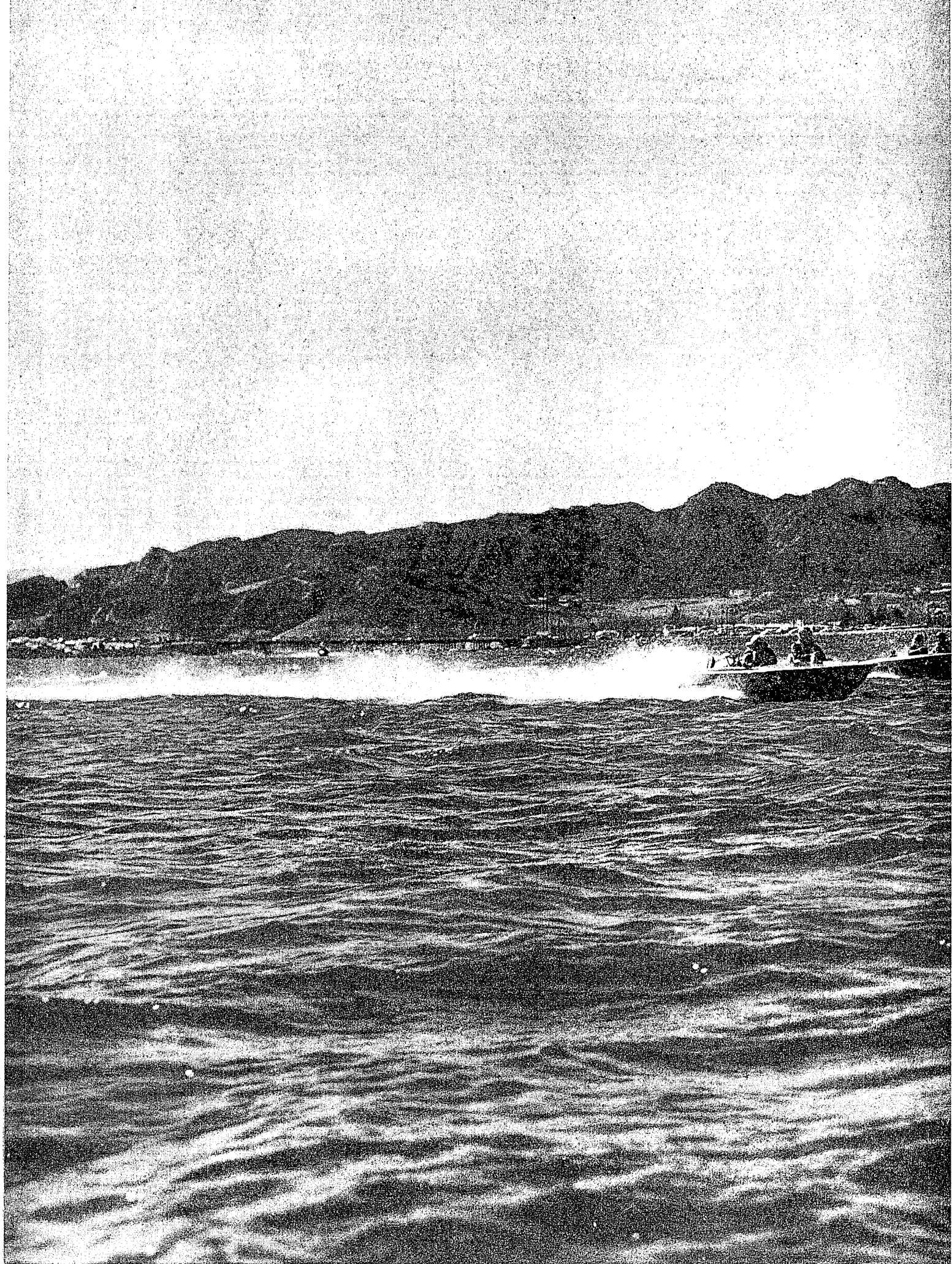
(in dollars)

YEAR	ITEM	JOINT CAPITAL COSTS ALLOCATED TO RECREATION AND ENHANCEMENT					
		Frenchman Dam and Lake	Antelope Dam and Lake	Grizzly Valley Dam and Lake Davis	California Aqueduct Delta to Dos Amigos P.P.	Oroville Division	Del Valle Dam and Lake Del Valle
1952-69	a. Disbursements:						
	1. Calif. Water Resources Development Bond Fund	87,132	994,229	3,803,447	6,753,764	5,850,597	10,338,054
	2. All other funds	2,427,575	3,933,372	433,770	2,073,678	3,284,363	2,089,595
	b. Reimbursement 1967 thru 1969 applied to:						
	1. Calif. Water Resources Development Bond Fund	89,189	1,091,729	4,200,325	7,543,757		
	2. All other funds	2,427,575	3,933,372	433,770			
	c. Interest accrued to end of 1969	2,057	97,509	398,752	896,287	1,043,302	1,410,248
1970	d. Beginning-of-year balance to be reimbursed:						
	1. Calif. Water Resources Development Bond Fund		9	1,874	106,294	6,893,899	11,748,302
	2. All other funds				2,073,678	3,284,363	2,089,595
	e. Disbursements during year:						
	1. Calif. Water Resources Development Bond Fund	1,370	19,268	6,056	95,757	8,127	20,990
	2. All other funds	280	5,028	62,253	49,841	17,854	45,465
	f. Reimbursements during year applied to:						
	1. Calif. Water Resources Development Bond Fund						
	2. All other funds						
	g. End-of-year balance, without interest for:						
	1. Calif. Water Resources Development Bond Fund	1,370	19,277	7,930	202,051	6,902,026	11,769,292
	2. All other funds	280	5,028	62,253	2,123,519	3,302,217	2,135,060
	h. Interest accrual on average balance of d(1) & g(1)	30	422	214	6,744	301,717	514,330
1971	i. Beginning-of-year balance to be reimbursed:						
	1. Calif. Water Resources Development Bond Fund	1,400	19,699	8,144	208,795	7,203,743	12,283,622
	2. All other funds	280	5,028	62,253	2,123,519	3,302,217	2,135,060
	j. Disbursements during year:						
	1. Calif. Water Resources Development Bond Fund	7,230	24,390	9,676	24,322	8,179	23,878
	2. All other funds	240	3,044	772	5,670	5,416	2,879
	k. Reimbursements during year applied to:						
	1. Calif. Water Resources Development Bond Fund	8,630	44,089	17,820	233,117	2,235,298	
	2. All other funds	520	8,072	63,025	2,129,189		
	l. End-of-year balance, without interest for:						
	1. Calif. Water Resources Development Bond Fund					4,976,624	12,307,500
	2. All other funds					3,307,633	2,137,939
	m. Interest accrual on average balance of i(1) & l(1)	31	431	178	4,566	266,385	537,808
1972	n. Beginning-of-year balance to be reimbursed:						
	1. Calif. Water Resources Development Bond Fund	31	431	178	4,566	5,243,009	12,845,308
	2. All other funds					3,307,633	2,137,939
	o. Disbursements during year:						
	1. Calif. Water Resources Development Bond Fund	1,248	1,621	1,688	26,474	4,737	40,345
	2. All other funds	1,617	2,115	2,650	14,551	10,934	6,720
	p. Reimbursements during year applied to:						
	1. Calif. Water Resources Development Bond Fund	1,279	2,052	1,866	31,040	5,247,746	
	2. All other funds	1,617	2,115	2,650	14,551	1,832,278	
	q. End-of-year balance, without interest for:						
	1. Calif. Water Resources Development Bond Fund					1,486,289	12,885,653
	2. All other funds						2,144,659
	r. Interest accrual on average balance of n(1) & q(1)	1	9	4	100	114,665	562,736
1973	s. Beginning-of-year balance to be reimbursed:						
	1. Calif. Water Resources Development Bond Fund	1	9	4	100	114,665	13,448,389
	2. All other funds					1,486,289	2,144,659
	t. Disbursements during year:						
	1. Calif. Water Resources Development Bond Fund	1,117	1,649	24,471	-31	-37	10,170
	2. All other funds				20,057	24,636	
	u. Reimbursements during year applied to:						
	1. Calif. Water Resources Development Bond Fund	1	9	4	69	114,628	2,606,862
	2. All other funds	1,117	1,649	24,471	20,057	1,510,925	
	v. End-of-year balance without interest for:						
	1. Calif. Water Resources Development Bond Fund						10,841,527
	2. All other funds						2,154,829
	w. Interest accrual on average balance of s(1) & u(1)				2	2,508	531,220
SUMMARY: x. Beginning of 1974, balance to be reimbursed: 1952 thru 1973	1. Calif. Water Resources Development Bond Fund				2	2,508	11,372,747
	2. All other funds						2,154,829
	Total				2	2,508	13,527,576
y. Disbursements, 1952 thru 1973:	1. Calif. Water Resources Development Bond Fund	96,980	1,039,508	3,820,867	6,900,286	5,871,603	10,423,267
	2. All other funds	2,430,829	3,945,208	523,916	2,163,797	3,343,203	2,154,829
	Total	2,527,809	4,984,716	4,344,783	9,064,083	9,214,806	12,578,096
z. Reimbursements applied thru 1973 to:	1. Calif. Water Resources Development Bond Fund	99,099	1,137,879	4,220,015	7,807,983	7,597,672	2,606,862
	2. All other funds	2,430,829	3,945,208	523,916	2,163,797	3,343,203	2,154,829
	Total	2,529,928	5,083,087	4,743,931	9,971,780	10,940,875	2,606,862
TOTAL INTEREST ACCRUALS, 1952 THRU 1973		2,119	98,371	399,148	907,699	1,728,577	3,556,342

# WATER RESOURCES DEVELOPMENT BOND FUND DISBURSEMENTS

@ 4.374% per annum)

Total	COSTS OF ACQUIRING LAND FOR RECREATION DEVELOPMENTS										GRAND TOTAL
	Frenchman Dam and Lake	Grizzly Valley Dam and Lake Davis	Oroville Division	Del Valle Dam and Lake Del Valle	San Luis Dam and Reservoir and O'Neill Forebay	California Aqueduct	Castaic Dam and Lake	Cedar Springs Dam and Silverwood Lake	Perris Dam and Lake Perris	Total	
27,827,223 14,242,353	3,188 51,926	201,531 8,526	1,860,328 289,531	520,051 -49,296	42,651 134,274	553,118 168,683	1,752,540 -10,005	300,232 543,112	853,121 3,470,710	6,086,760 4,607,461	33,913,983 18,849,814
12,925,000 6,794,717	3,320 51,926	216,511 8,526								219,831 60,452	13,144,831 6,855,169
3,848,155	132	15,088	355,980	73,957	-337	108,538	269,395	65,670	150,280	1,038,703	4,886,858
18,750,378 7,447,636		108	2,216,308 289,531	594,008 -49,296	42,314 134,274	661,656 168,683	2,021,935 -10,005	365,902 543,112	1,003,401 3,470,710	6,905,632 4,547,009	25,656,010 11,994,645
151,568 180,721	187	625	3,257 4,244	1,629 190	77,175 -180	468,561 598	20,342 804	12,028 23,137	4,195	587,999 28,793	739,567 209,514
18,901,946 7,628,357	187	733	2,219,565 293,775	595,637 -49,106	119,489 134,094	1,130,217 169,281	2,042,277 -9,201	377,930 566,249	1,007,596 3,470,710	7,493,631 4,575,802	26,395,577 12,204,159
823,457	4	21	97,013	26,018	3,539	39,188	88,884	16,268	43,981	314,916	1,138,373
19,725,403 7,628,357	191	754	2,316,578 293,775	621,655 -49,106	123,028 134,094	1,169,405 169,281	2,131,161 -9,201	394,198 566,249	1,051,577 3,470,710	7,808,547 4,575,802	27,533,950 12,204,159
97,675 18,021	111 8	343	8,750 3,819	600 159	1,410 301	663 1,036	13,671 6,060	-28,645 -41,757	2,600	-497 -30,574	97,178 -12,553
2,538,954 2,200,806	302 8	1,097			124,438 134,395					125,837 134,403	2,664,791 2,335,209
17,284,124 5,445,572			2,325,328 297,594	622,255 -48,947		1,170,068 170,317	2,144,832 -3,141	365,553 524,492	1,054,177 3,470,710	7,682,213 4,411,025	24,966,337 9,856,597
809,399	4	16	101,518	27,204	2,691	51,164	93,516	16,616	46,053	338,782	1,148,181
18,093,523 5,445,572	4	16	2,426,846 297,594	649,459 -48,947	2,691	1,221,232 170,317	2,238,348 -3,141	382,169 524,492	1,100,230 3,470,710	8,020,995 4,411,025	26,114,518 9,856,597
76,113 38,587			-638 2,886	39 756	210,670 -77,263	-160,135 146,528	24,802 18,235	3,759 6,971	-1,300	77,197 98,113	153,310 156,700
5,283,983 1,853,211	4	16	2,426,208 300,480		213,361 -77,263					2,639,589 223,217	7,923,572 2,076,428
12,885,653 3,630,948				649,498 -48,191		1,061,097 316,845	2,263,150 15,094	385,928 531,463	1,098,930 3,470,710	5,458,603 4,285,921	18,344,256 7,916,869
677,515			53,075	28,408	59	49,915	98,448	16,798	48,096	294,799	972,314
13,563,168 3,630,948			53,075	677,906 -48,191	59	1,111,012 316,845	2,361,598 15,094	402,726 531,463	1,147,026 3,470,710	5,753,402 4,285,921	19,316,570 7,916,869
-68 82,100			-24 1,826	1,651	33,906	-8,966 25,041	-84 9,694	3,928	95	-9,074 76,141	-9,142 158,241
2,721,573 1,558,219			53,051 1,826	677,906 -46,540	59 33,906					731,016 -10,808	3,452,589 1,547,411
10,841,527 2,154,829						1,102,046 341,886	2,361,514 24,788	402,726 535,391	1,147,026 3,470,805	5,013,312 4,372,870	15,854,839 6,527,699
533,730			1,161	14,826	1	48,400	103,294	17,615	50,171	235,468	769,198
11,375,257 2,154,829 13,530,086			1,161 1,161	14,826	1	1,150,446 341,886 1,492,332	2,464,808 24,788 2,489,596	420,341 535,391 955,732	1,197,197 3,470,805 4,668,002	5,248,780 4,372,870 9,621,650	16,624,037 6,527,699 23,151,736
28,152,511 14,561,782 42,714,293	3,486 51,934 55,420	202,499 8,526 211,025	1,871,673 302,306 2,173,979	522,319 -46,540 475,779	331,906 91,038 422,944	853,241 341,886 1,195,127	1,811,271 24,788 1,836,059	287,374 535,391 822,765	858,616 3,470,805 4,329,421	6,742,385 4,780,134 11,522,519	34,894,896 19,341,916 54,236,812
23,469,510 12,406,953 35,876,463	3,626 51,934 55,560	217,624 8,526 226,150	2,479,259 302,306 2,781,565	677,906 -46,540 631,366	337,858 91,038 428,896					3,716,273 407,264 4,123,537	27,185,783 12,814,217 40,000,000
6,692,256	140	15,125	608,747	170,413	5,953	297,205	653,537	132,967	338,581	2,222,668	8,914,924



COMMENTS  
BY  
THE DEPARTMENT OF NAVIGATION AND OCEAN DEVELOPMENT,  
THE DEPARTMENT OF PARKS AND RECREATION,  
AND THE DEPARTMENT OF FISH AND GAME



# Memorandum

To : Honorable John R. Teerink, Director  
Department of Water Resources  
Resources Building, Room 1115-1

Date : April 9, 1974

Subject: Cost Allocations to  
Recreation and Fish and  
Wildlife Enhancement,  
State Water Project

From : Director of Navigation and Ocean Development

In accordance with the California Water Code, Section 11912, as amended by California Statute of 1970, Chapter 1428, you requested the Department of Navigation and Ocean Development to comment on the report which presents State Water Project cost allocations to Recreation and Fish and Wildlife Enhancement.

The draft of Bulletin 132-74, Appendix D, was reviewed by this Department and we have no comments.

  
FRANK TORKELSON  
Acting Director

# Memorandum

To : Honorable John R. Teerink  
Director  
Department of Water Resources

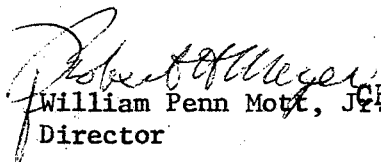
Date : April 24, 1974

Subject : Cost Allocation to  
Recreation and Fish and  
Wildlife Enhancement -  
State Water Project

From : Department of Parks and Recreation

Pursuant to the Water Code Section 11912, as amended by the California Statutes of 1966, Chapter 27, you requested our written comments on the review draft of the California Water Project in 1974, Appendix D to Bulletin No. 132-74, Cost of Recreation and Fish and Wildlife Enhancement.

Our staff has reviewed and concurred with recreation related items entered in this year's revision. Thank you for the opportunity to review the draft.

  
William Penn Mott, Jr. CHIEF DEPUTY DIRECTOR  
Director

A-3/1

# Memorandum

To : Honorable John R. Teerink, Director  
Department of Water Resources

Date: April 15, 1974

From : Department of Fish and Game

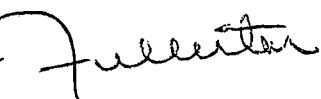
Subject: WP-State of California, Department of Water Resources - State Water Project -  
1974 Cost Allocations to Recreation and Fish and Wildlife Enhancement

In reference to your letter of March 19, 1974, the following is furnished.

Pursuant to Water Code Section 11912, as amended by California Statutes of 1966, Chapter 27, you requested our written comments on State Water Project joint costs allocated to recreation and fish and wildlife enhancement, as reported on the review draft of Appendix D to Bulletin No. 132-74.

Appendix D presents \$6,246,574 additional funds reported to recreation and fish and wildlife enhancement. These funds are primarily for the first time reporting of Lake Perris costs. The remaining costs are minor adjustments in existing accounts and additional interest charges.

Because this year's report does not contain any new allocation or major changes, there is little need for comment. We concur with the reporting of the \$4,668,002 to Lake Perris for specific recreation. We also concur with the interest calculations and the adjustments to the various accounts listed in Table 1.

EC   
Director